On-Premises
Drying Tumblers

UniMac

120 lb (54.4 kg) Tumbler
170 lb (77.1 kg) Tumbler

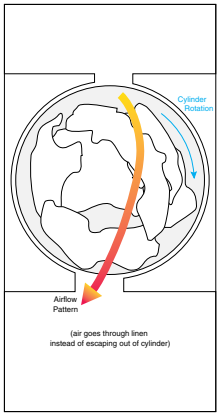
Expert Solutions from the Laundry Experts

UniMac

Take a moment and step into the world of high tech product engineering where UniMac drying tumblers are designed with innovative features that command top performance, and durable steel construction that will stand the test of time. At UniMac, drying tumblers are considered more than just laundry equipment. They are key players in the success of commercial laundry facilities and as such must continuously achieve high levels of efficiency, quality and durability. UniMac has always maintained a standard of excellence in drying tumbler manufacturing that is recognized around the world. With over 80 years of engineering expertise you can be assured that you are getting the best drying tumblers on the market that will meet your needs now and in the future.

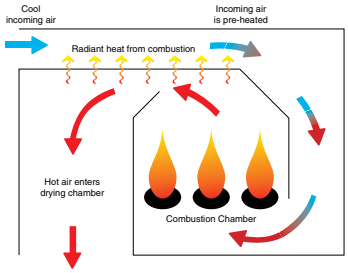
Energy-Efficient Design

UniMac has achieved a perfect balance between drying temperature, airflow pattern and useable cylinder space to provide maximum energy efficiency while thoroughly drying linens. Our special equipment design pulls air through linens at the precise point where they fall freely to the bottom of the cylinder during the tumbling process. This enables linens to dry quickly and evenly which can shorten overall drying time there by reducing utility and labor costs.



Special Encapsulated Heat System

UniMac's enclosed heat system captures intake air and preheats it, utilizing radiant heat from the stove top, before air enters the combustion chamber. The results are increased energy efficiency, faster drying times and a comfortable operating environment. For your convenience, UniMac's stove top and burners are removable to fit through a standard door opening.



Steel Door Construction

UniMac incorporates only the finest quality materials into each drying tumbler right down to the loading door and hinges! Constructed of high-grade steel, UniMac's heavy duty door and hinges will stand up to the toughest laundry conditions time and time again. In addition, our circular door glass is sealed with a 7/8" rubber gasket to secure it in place while providing greater strength and rigidity.

Self-Cleaning Lint Filter

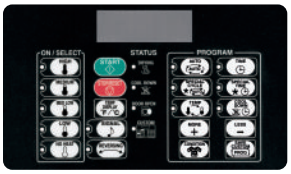
UniMac's fine mesh lint screen cleans itself automatically by depositing lint into a large storage area for easy removal. This eliminates the need to manually clean filter after each use.

Triple-Belt Drive

UniMac tumblers feature an all-belt drive system with easy adjusting tension idler, cast iron pulleys and permanently sealed ball bearings for quiet, low maintenance operation. As an added benefit, UniMac incorporates a solid-state electronic timer that is designed to automatically reverse the tumble action if you choose. This feature can be easily selected and aids in preventing the tangling of linens.

Microprocessor Control

UniMac's new state-of-the-art 120 lb and 170 lb microprocessor-controlled tumblers offer unlimited flexibility in drying laundry loads. Variables such as time, temperature and dryness level can be programmed to meet the exact needs of your laundry operation. And it's very easy for employees of any skill level to operate.



Cart Bumper and Kick Plate

UniMac incorporates a durable cart bumper and kick plate to protect tumbler fronts from possible scratches and dents incurred during the laundering process.

Interchangeable Components

UniMac has engineered its drying tumbler to provide for quick trouble-shooting and ease of service.

CSA Star and CSA Flame and $_{c}$CSA$_{US}$ Marked

Tested and approved by CSA International, Danmarks Gasmateriel Provning, and Australian Gas Association. UniMac gas tumblers continuously receive high ratings in the area of performance and safety.

Manual Timers

UniMac's infinitely variable temperature controls offer 0 to 60 minutes of drying, 0 to 15 minutes of cool-down and a heat range of 120° to 190° Fahrenheit to thoroughly dry garments while minimizing wrinkles. Manual timer feature allows the operator to select the ideal temperature, heating time and cooling time for any type of fabric before activating tumbler.

Ergonomic Engineering

UniMac tumblers are engineered with the laundry operator in mind. After careful research, features such as our large door opening placed approximately 32" from floor can make loading and unloading easier for employees.

- Efficient Multiple Burner Heat System provides desired temperature quickly while distributing heat evenly.
- Superior Paint. Innovative paint system provides excellent corrosion resistance.
- Galvanized Pre-Coated Steel cylinder won't corrode, chip, crack or pit under normal use.
- Large Baffles tumble loads efficiently to maximize airflow movement through linens.
- Instant Electronic Ignition reduces drying time which saves energy.
- Modular Electrical System provides for greater reliability and convenient servicing.
- Reversing Cylinder helps eliminate tangling of linens during the drying cycle.
- Drive and blower motors contain over-load protection feature.

Three-Year Warranty

UniMac offers a three-year limited warranty for any part of the drying tumbler which fails as a result of a defect in material or workmanship during the first three years (36 months), after the date of original installation.

*Parts only, labor not included. See UniMac Warranty Bond for specifics.

Specifications

	120 lb Tumbler	170 lb Tumbler
Dry Weight Capacity	120 lb (54.4 kg)	170 lb (77.1 kg)
Cylinder Size (in/mm) (diameter x depth)	44" x 41" (1118 x 1041 mm)	50.75" x 42.5" (1289 x 1080 mm)
Cylinder Volume	36.1 cu. ft. (1022 liters)	49.7 cu. ft. (1408 liters)
Width (in/mm)	46.5" (1181 mm)	53" (1346 mm)
Depth (in/mm) Door Closed Door Open 90˚	 65" (1651 mm) 92.75" (2356 mm)	 67" (1702 mm) 94.75" (2407 mm)
Height (in/mm)	85.5" (2172 mm)	94" (2388 mm)
Motor Fan Cylinder	 1 HP 3/4 HP	 3 HP 3/4 HP
Air Outlet Diameter	10" (254 mm)	12" (305 mm)
Airflow, CFM	1600 CFM (754 liters/sec.)	2450 CFM (1156 liters/sec.)
Utility Connection	Gas - 3/4" NPT (19.1 mm) Steam - 3/4" NPT (19.1 mm)	Gas - 1" NPT (25.4 mm) Steam - 3/4" NPT (19.1 mm)
Energy Data and Electrical Specifications	Gas Model - 300,000 BTU/hr (75,600 kcal/hr) 200-208/240/60/3 - 6.7 Amp; 380/400-415/50/3 - 4.7 Amp; 460-480/60/3 - 3.8 Amp Steam Model - At 100 psi (6.9 bar): 12 BHP 405,000 BTU/hr (118.5 kw) At 15 psi (1.0 bar): 8 BHP 272,000 BTU/hr (79.7 kw) 200-208/240/60/3 - 6.7 Amp; 380/400-415/50/3 - 4.7 Amp; 460-480/60/3 - 3.8 Amp	Gas Model - 395,000 BTU/hr (99,540 kcal/hr) 200-208/240/60/3 - 12.6 Amp; 380/400-415/50/3 - 7.2 Amp; 460-480/60/3 - 6.5 Amp Steam Model - At 100 psi (6.9 bar): 19 BHP 648,000 BTU/hr (189.7 kw) At 15 psi (1.0 bar): 13 BHP 433,000 BTU/hr (126.9 kw) 200-208/240/60/3 - 12.7 Amp; 380/400-415/50/3 - 7.3 Amp; 460-480/60/3 - 6.6 Amp
Net Weight (approx.)	Gas Model - 1275 lb (578 kg) Steam Model - 1375 lb (624 kg)	Gas Model - 1575 lb (714 kg) Steam Model - 1675 lb (760 kg)
Shipping Wt. (approx.) Domestic Export	 Gas Model - 1338 lb (607 kg) Steam Model - 1446 lb (655 kg) Gas Model - 1500 lb (680 kg) Steam Model - 1600 lb (726 kg)	 Gas Model - 1667 lb (756 kg) Steam Model - 1776 lb (801 kg) Gas Model - 1800 lb (816 kg) Steam Model - 1900 lb (862 kg))
Shipping Dimensions (in/mm) Domestic Export	Height x Width x Depth 89.88" x 48.5" x 72" (2283 mm x 1232 mm x 1829 mm) 90.06" x 50.5" x 72" (2288 mm x 1283 mm x 1829 mm)	Height x Width x Depth 99" x 58" x 74.5" (2515 mm x 1473 mm x 1892 mm) 99" x 60" x 74.5" (2515 mm x 1524 mm x 1892 mm)
Agency Approvals	Gas Model - CSA Star, CSA Flame, $_{c}CSA_{us}$, CE, Australia Gas Steam Model - $_{c}CSA_{us}$, CE	Gas Model - CSA Star, CSA Flame, $_{c}CSA_{us}$, CE, Australia Gas Steam Model - $_{c}CSA_{us}$, CE

Tumbler models are made to suit a variety of electrical service characteristics. See your UniMac Distributor for specifications. Features and certifications may vary by model. For further details on installation, refer to Installation, Operation and Maintenance Instructions supplied with the tumbler. Due to continuous product improvements, design and specifications are subject to change without notice. The quality management systems at all Alliance Laundry Systems facilities have been awarded ISO 9001 certification.

www.uniwash.com

Alliance Laundry Systems
Shepard Street, Ripon, WI 54971 Telephone: 1-800-587-5458

UniMac
Alliance Laundry Systems